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# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
- Editor: Ary Boender          *****          e-mail: ary@luna.nl -
- Nickname on IRC channels #wun #monitor #numbers: Ary-B         -
- N&O home page: http://home.luna.nl/~ary/                         -
-                                                                    -
- Online database: Chris Smolinski <csmolinkski@erols.com>        -
-      http://www.spynumbers.com/numbersDB/                        -
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- :: N&O #27 June 2000 :: -

Not much to report this month. Next month perhaps.....?

* MORSE STATIONS *

I would like to start this section with a couple of morse related links. As most of the new numbers stations are morse stations, you might be interested in learning morse code. Or just simply download a morse decoder for your soundcard.

Oliver Welp's excellent decoder web site
<http://www.muenster.de/~welp/sb.htm#cw>

Morse 2000 outreach
<http://www.uwec.edu/academic/hss-or/Morse2000/>

NuMorse morse trainer
<http://guest.btinternet.com/~tony.lacy/index.htm>

Morse Magnificat
<http://www.morsum.demon.co.uk/>

The Mill
<http://www.net-magic.net/users/w4fok/>

PA3BWK's ultime morse code web site
<http://www.morsecode.dutch.nl/index2.html>

Maple Leaf morse code for pilots
<http://ourworld.compuserve.com/homepages/mlsoftware/>

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::: RUSSIAN MILITARY CHANNEL MARKERS [XM]
Rimantas reports that channelmarker 'R' from Izhevsk can be heard
on a new frequency 5465 kHz. 'R' is also active on 3195 and 4325
kHz but 3322, 4558 and 5154 kHz are silent these days.

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'L' from St Petersburg is still alive and kicking with its typical sound. Freq: 3337.5 kHz

Another one from Rimantas. He writes: ''4555.85 kHz, CW channel marker "F". Every hour at +10...13 min. and +40...43 min. only, each time transmitting 27 to 30 letters "F". Each transmission is approx. 3 min long. SIO 444 here in my summer location in NE LTU. Possible QTH is West Russia, Kaliningrad area, Belarus or Poland. Operates only in local daytime.''

'F' is the marker from Vladivostok and my first reaction was that Rimantas had heard this station but that wasn't so. It is still not known where the station is located. It could be the same 'F' station that briefly appeared some two years ago. It was dfed during a week or so and pinpointed in Gdynia. The marker was on the air for only a couple of weeks and disappeared after that.

'P' is on the move again. Daytime freqs 4043, 4848 and 5982 kHz were replaced by 4605, 5111 and 5862 kHz.

::: UNID 1

Last month's unid new station is still on the air and moved back to 5277 kHz. Reports are most welcome, folks!

::: UNID 2

Igor heard on 9, 12 and 13 June an unid MCW station. Here are the details and sample messages. Info is most welcome!

19000 kHz, 0855 UTC, 9 June (09-06-2000) MCW 4fgs cut numbers
19000 kHz, 1700 UTC, 13 June (13-06-2000) MCW 4+5fgs, cut numbers
automatic MCW, speed 24 wpm

09-06-2000 0855 UTC

zui zui cc aa = aa = imi imi cc aa = aa = i = = 4573 5566 n3au ...
4adt ud3d 5a67 = = bb

0912 UTC

qtc qtc nr 20119/10419 nr 20119/10419 ii
zui zui zzz zzz nr 20109/10409 nr 20109/10409 ii
gr 41 gr 41 = = a3ua nt46 a3n3... 3uta aad5 uta7 = = bb

qtc qtc nr 00079/10429 nr 00079/10429 ii

qq ii

091520 091530 ii

fm fm uzgf ii

to cqtx cvpm uymz ii

info pikv ctnf ieot lsfb gr 66 gr 66 = =
a73n 4d5a nunu... ud3d 547d = = bb

1117 UTC [note: first digit in all groups is 2 (u)]
...ud43 und3 u4u4 u4d3 ii
aa 301 ii
301 ii
u7u4 u657 ud4t ... = = bb

1122 UTC
qtc qtc nr 40522 nr 40522 ii
ff ii
121540 121540 ii
fm nhwg ii
to vwki ii
info ravu lnbv ujow sjup ivwf gdut gjpy kkca mgbp
gr 54 gr 54 = = aa4d dtd5 567d... td54 543a = = bb

13-06-2000, 1700 UTC
zui zui qtc qtc wx wx zii 131700z zii 131700z
gr 117 gr 117 ii
attta 333dd ta3au dann4... anana = = bb

1711 UTC
qtc qtc wx wx zii 131700z zii 131700z
gr 304 gr 304 ii
aata aa5a aa4t... aa 301 aa 301 ii
ubau u7u3 u656 ud37 = = bb

-0-0-0-0-0-0-0-0-0-0-

★ VOICE STATIONS ★

::: UNID

JMM reports another ''transmission that sounds like a tape played with the Fast Forward key depressed'' on 7 June at 2312 UTC on 6617 kHz USB. A chat between two operators was heard. Transmissions like these interfered with several E10 broadcasts in the recent past. The frequency is used by Russian volmet stations. JMM continues: ''IMHO, it is some kind of scrambling acting on frequencies (Peak signal at 5000 Hz). With such a system, a moderate normal signal (normal voice) must be converted at a recipient's location as either some hissing nuisance (but not redhibitory) or simply ignored. This would explain why they do not seem to care much about 6617 VOLMET.''

JMM could be right. There are similar scrambling techniques around. A couple of years ago I received a tip about a weird station -most probably from Nigeria or a country close to it- that used distorted

music to scramble their transmissions, but the way they used it was not very effective. I used a narrow filter on one of the side bands and could hear the voice without the music. The operators didn't always use the scrambler. When they didn't use it they were probably just chatting. I couldn't understand what was said because they spoke a local language (I presume).

::: THREE NOTE ODDITY [G04]

Two different messages this month. Both Axel and Hans-Friedrich reported the second one. HF sliced the messages:

MESSAGE 1

04.06.00 2005Z 5.220 kHz
2035Z 5.330 kHz

Message : 82333 88014 64165 72072 71747 56038 51775 05186 55121 23055
36365 52037 71565 22605 84347 72535 86412 04367 72467 44072
75472 81813 00048 85713 10251 23008 27154
= 27 groups

Sorted : 00048 04367 05186 10251 22605 23008 23055 27154 36365 44072
51775 52037 55121 56038 64165 71565 71747 72072 72467 72535
75472 81813 82333 84347 85713 86412 88014

Remarks : No "9". Same behaviour like S10E!!!

History : Summer 2005 2035
Winter 2105 2135

06/99	5720	5620	07/99	5680	5580
08/99	5730	5630	09/99	5320	5220
10/99	5320	5220	11/99	3910	3810
12/99	3360	3260	01/00	3440	3340
02/00	3920	3820	03/00	4520	4420
04/00	5210	5310	05/00	4830	4930
06/00	5220	5320			

MESSAGE 2

22.06.00 2005Z 5.220 kHz tones
2010Z message
2015Z 5.320 kHz "57501"
2039Z CW: "L??? L??? ... vvvvvvvvvv... AR"
(Sorry, I had no pencil at hand
to write down the first group)
2035Z tones

2040Z message

Message : 03040 20000 57501 72134 37345 78552 43595 11414 85506 78333
20036 15916 10865 72136 13256 98637 95176 86248 89099 03040
= 20 groups

Sorted : 03040 03040 10865 11414 13256 15916 20000 20036 37345 43595
57501 72134 72136 78333 78552 89099 85506 86248 95176 998637

Remarks : - new message in the middle of the month. Only 20 groups.
- return of the "9" (which sounds unfortunately like "0")
- strange "20000"
- "03040" at the beginning and at the end of the message

-0-0-0-0-0-0-0-0-0-0-

* INTELLIGENCE PROFILE: HUNGARY *

::: The pre-90's situation
sources: Federation of American Scientists
Library of Congress Country Studies

- National Police ("Rendorseg")

The public police forces performed routine police duties throughout the country. Although they operated within local jurisdictions, they were centrally organized and controlled by the Ministry of Interior.

- Security Police

In the late 1980s, Hungary's 15,000 member Security Police was controlled by the Ministry of Interior. However, unique among Warsaw Pact countries, Hungary lacked a uniformed security police force. Such a force --the AVH-- had existed but was disbanded in October 1956. Given the vehemence with which the public hated the AVH and associated it with the Stalinist terror, the Kadar regime saw fit not to revive it, even under a different name. Nevertheless, until the late 1980s the Security Police continued to harass and arrest those persons deemed to be political enemies.

- Border Guard ("Hatarorseg")

In 1989 Hungary's Border Guard numbered 16,000, operating in eleven districts. Conscripts totaled 11,000, or nearly 70 percent of the total. Although nominally controlled by the HPA, the Border Guard Headquarters of the Ministry of Interior took orders from both the party Basic Organization in the ministry and the Government Administration and Administrative Department of the HSWP's Secretariat (HSWP= Hungarian Socialist Worker's Party). The Border Guard Command was established in 1946 and reorganized in 1950.

- Workers' Guard ("Munkasorseg")

The Workers' Guard, a paramilitary organization directly controlled by the HSWP, claimed to have 60,000 members in 1988. Its mission was officially limited to protecting the population and state property in times of war or unrest. In fact, the Workers' Guard assisted the National Police and army during events that required crowd control. The guard wore its own distinctive steel-gray uniform. Directly controlled by a permanent department of the HSWP's Central Committee, the Workers' Guard was, in effect, the party's private army, and the overwhelming majority of the guard were party members. Founded in 1957 shortly after the revolution, this organization became the chief protector of the newly formed Kadar regime.

- State security organizations

Allamvedelmi Osztaly-AVO ("State Security Department")

Allamvedelmi Hatosag-AVH ("State Security Authority")

Following World War II, Hungary faced the challenge of choosing a new government. In November of 1945, general elections were held and the Small-Farmers Party, won 57 percent of the vote, with the communists winning only 17 percent. Dr. Zoltan Tildy was named the President, and Dr. Ferenc Nagy was named Prime Minister, both came from the Small-Farmers Party, Matyas Rakosi, a communist, was named the Deputy Prime Minister. Rakosi was born as Matyas Rosenfeld, who - in order to hide his Jewish origin - changed his name to Rakosi in 1904. POW in the 1.WW in the USSR, where he became acquainted Lenin's ideas, learned Russian (and probably received other kind of traning, as well). After returning to Hungary he works in the illegal Communist Party as an "agitator" - i.e. agent - and serves prison for his activities.

The Red Army still occupied Hungary, and the communist wanted complete control of the Government, so they created the AVO (Allamvedelmi Osztaly), which served as the communists's secret police, it was controlled by Soviet advisors, and Gtbor Pcter was named Director. Peter was a Jewish tailor and former NKVD agent. Peter began a series of Stalinesque purges to cut away the foundation of the Small-Farmers Party. The AVO arrested the most outspoken critics of the communists, accusing them of Fascist coercion and of wartime collaboration with the Fascists. Thousands of loyal communists were dragged into Peter's office (in Budapest, at Andrassy Str.60) and systematically tortured and killed.

On Oct. 23, 1956, students from the Universities took to the streets of Budapest, a quarter of a million people from Budapest joined them. In order to read a proclamation via the Radio Budapest, a crowd gathered at the station's downtown studio (Brody S. Str.5-7). Around 9 p.m. that evening, members of the AVH (AVO's uniformed successor) who guarded the studio, lost patience, shot into the crowd and killed

several protesters. The infuriated crowd acquired guns and hand grenades, attacked the studio's building and took bloody revenge on the remaining AVH guards. The shooting was heard in the radio country-wide - until the crying announcer could continue the program. Finally, the transmission was ended with classical music, as no other programs -records- were left available. Over the next several hours, the protesters gathered weapons from sympathizers in the military and police. A couple of days later, the Red Army began their assault on Budapest with tanks, artillery and foot soldiers.

::: The 90's and the current situation.

sources: 1995 CXXV.tv National security services

94/1998 XII.29 OGY Security and defence principles of
the Hungarian Republic

- The Secret Services of Hungary

The principles of the security- and defence politics of the Hungarian Republic were laid down in the doctrine of 1995, CXXV, which is ratified by the Parliament in the 94/1998 -XII.29- decree (that became effective on the day of the NATO membership of the country).

According to the above documents, the security services of the Hungarian Republic are:

- a) Information Agency (Informacios Hivatal)
- b) National Security Agency (Nemzetbiztonsagi Hivatal)
- c) Military Intelligence Agency (Katonai Felderito Hivatal)
- d) Military Security Agency (Katonai Biztonsagi Hivatal)
- e) National Security Service (Nemzetbiztonsagi Szakszolgalat)

Note: "Hivatal" translates to "Office". However, the word "Agency" is a better description.

A, B, and E are supervised by the Minister of "security services"; C and D are -due to the nature of their activities- controlled by the Defence Minister.

- Information Agency

The main tasks of this Agency are:

- a) Collection, analysis and distribution of information with relevance to the security of the State, related to foreign countries or of foreign origin
- b) Counterintelligence
- c) Collection of informations about: foreign organized crime (especially about terrorist organizations), illegal drug- or arms trade, illegal international trading of mass destruction arms, their components, parts or materials
- d) Detection of foreign attempts efforts directed against

the economy and financial status of the country

- e) Participate in the investigation of illegal trade of internationally controlled products and technologies
- f) Provide security protection for the important Hungarian governmental institutions in abroad (eg. Embassies)
- g) Provide security protection and perform security clearance checks on personnel within its organization
- h) Direct, supervise and support the code related activities, issue authorizations, prepare codes

- National Security Agency

This Agency was established 10 years ago. The NBH-Yearbook of 1999-2000 (the first one of its kind) provides details about the goals and task the Agency is trusted with, organograms, financial details of the budget, educational details of the staff, addresses, phone and fax numbers and email address of the county offices.

The Agency has the following tasks :

- a) Detect and deter intents of foreign intelligence agencies (counterintelligence)
- b) Detect and deter illegal attempts to change or disturb the constitutional order of the Republic
- c) Detect and deter terrorist acts attempted by foreign powers, organizations or persons
- d) Detect and deter covert attempts which could endanger the economical-, scientific-, technical and financial stability of the country, further the illegal drug- and arms trafficking
- e) Provides security protection for important governmental agencies and properties
- f) Provide security protection and perform security clearance checks on personnel within its organization
- g) Provide immigration control service
- h) Perform preliminary investigation in cases of special crime cases aimed against the State, humanity, and escape, mutiny or endangering combat readiness in the armed forces
- i) Investigate terrorist attempts - if such intelligence is received by NSA
- j) Collect intelligence about violence to member of national, ethnic or religious group, violation of State Secret regulations, public danger, aircraft hijacking, provocation against community, spreading of rumours, violation of international legal obligation
- k) Participate in the investigation of illegal trade of internationally controlled products and technologies
- l) Participate in the investigation and prevention of illegal trade or arms and armistic services. Participate in the control of the legal trading of arms and related services.

The organization of the Agency :

- General Director
- Deputy Director - Operations
- Directorate 1./Operations
- Directorate 2. /Operations
- Directorate 3. /Operations
- Directorate 4. /Operations

County offices

- Deputy Director -Administration
- Directorate / Informations
- Directorate / Personnel
- Directorate / Administrations

? Chief Controller

The main office of the NSA is at Budapest (tel /fax : 36 1 318-9822, 318-9928,318-9982. E-mail: nbh@mail.mataav.hu
home page: <http://www.nbh.hu>), with local offices in the 19 counties.

- Military Intelligence Agency

This Agency is responsible for the following :

- a) Collection and analysis of military intelligence data related to foreign countries and of foreign origin. Also, provides counterintelligence against foreign military intelligence services.
- b) Detection of intentions of military attack against the Hungarian Republic
- c) Military counterintelligence
- d) Collection of intelligence on illegal arms trade and terrorist organizations threaten the security of the armed forces
- e) Participation in the investigation and prevention of illegal trade of internationally controlled products and technologies
- f) Providing informations for the strategic-tactical planning work of the High Command of the Armed Forces
- g) Provide security protection for the important Hungarian military and properties abroad
- h) Provide security protection and perform security clearance checks on personnel within its organization

The organization of the Agency :

- General Director
- Deputy General Director
 - Security Department
 - Department of Coordination and Cooperation
 - Department of Finance and Administration

- Office of General Director

- Directorate of Intelligence
- Directorate of REF*
- Directorate of Analysis and Evaluation
- Directorate of Logistics
- Directorate of Human Resources

* REF : Radio - Electronic Surveillance

- Military Security Agency

The tasks of the Agency are the same or very similar to those listed above at the other Agencies. However, the MSA performs additional security duties at the defence-related research, development and manufacturing activities within the Ministry of Defence, or the Armed Forces.

- National Security Service

This agency provides technical -support, logistics and expert- services for the other secret Agencies. This includes the supply of special devices and materials for secret intelligence gathering operations, establishing special telecommunication for users appointed by the Government, safeguarding security documents.

An important limitation on the activity is that this agency must not conduct any investigation, surveillance or intelligence gathering work independently.

-0-0-0-0-0-0-0-0-0-0-

* LOGS SECTION JUNE 2000 *

2626.0	E10	FTJ USB 02/06/2000 Fri 2300 (GG)
2626.0	E10	FTJ 73 BCHGA USB 05/06/2000 Mon 2300 (GG)
2626.0	E10	FTJ 59 CGQUI USB 05/06/2000 Mon 2330 (GG)
2626.0	E10	FTJ 73 BCHGA USB 07/06/2000 Wed 2300 (GG)
2743.0	E10	ULX 62 JPWZH USB 05/06/2000 Mon 0030 (GG)
2743.0	E10	ULX2 USB 05/06/2000 Mon 2230 (GG)
2844.0	E10	YHF 9 PJGHM USB 03/06/2000 Sat 0000 (GG)
3150.0	E10	PCD 96 FEMTD USB 03/06/2000 Sat 0000 (GG)
3150.0	E10	PCD2 USB 05/06/2000 Mon 2230 (GG)
3150.0	E10	PCD2 USB 05/06/2000 Mon 2300 (GG)
3150.0	E10	PCD2 USB 05/06/2000 Mon 2330 (GG)
3150.0	E10	PCD2 USB 06/06/2000 Tue 2330 (GG)
3150.0	E10	PCD2 USB 07/06/2000 Wed 2300 (GG)
3150.0	E10	PCD2 USB 07/06/2000 Wed 2330 (GG)
3150.0	E10	PCD2 USB 09/06/2000 Fri 2300 (GG)
3150.0	E10	PCD2 USB 11/06/2000 Sun 2130 (GG)

3195 XM Russian mil Izhevsk. Channelmarker R. Same on Sat 24-6
 at 18.40 CW 17/06/2000 Sat 1750 (RP)
 3270.0 E10 KPA2 USB 02/06/2000 Fri 2315 (GG)
 3270.0 E10 KPA2 USB 03/06/2000 Sat 0015 (GG)
 3270.0 E10 KPA2 USB 05/06/2000 Mon 2215 (GG)
 3270.0 E10 KPA2 USB 07/06/2000 Wed 2315 (GG)
 3270.0 E10 KPA2 USB 11/06/2000 Sun 2215 (GG)
 3292.0 V02a A 54462 54011 08252 AM 27/06/2000 Tue 0200 (JM4)
 3337,5 XM Russian navy St Petersburg. Channelmarker L. Same on
 Sat 24-6 at 18.41 CW 17/06/2000 Sat 1950 (RP)
 3415.0 E10 ART 67 HERGA USB 02/06/2000 Fri 2330 (GG)
 3415.0 E10 ART 37 YIEWD USB 03/06/2000 Sat 0000 (GG)
 3415.0 E10 ART 2 msgs: 102 TKW0I/30 RWQRW USB 05/06/2000 Mon 2230
 (GG)
 3415.0 E10 ART 63 TNCMC USB 05/06/2000 Mon 2330 (GG)
 3415.0 E10 ART 63 TNCMC USB 07/06/2000 Wed 2330 (GG)
 3415.0 E10 ART 36 RBD SG USB 11/06/2000 Sun 2130 (GG)
 3415.0 E10 ART 2 msgs: 87 YVCYR/ ?? ?EYPG USB 11/06/2000 Sun 2200
 (GG)
 3415.0 E10 ART 55 BYK?? USB 11/06/2000 Sun 2230 (GG)
 3485.0 E10 VLB2 USB 02/06/2000 Fri 2345 (GG)
 3485.0 E10 VLB2 USB 05/06/2000 Mon 0045 (GG)
 3485.0 E10 VLB2 USB 05/06/2000 Mon 2245 (GG)
 3485.0 E10 VLB2 USB 05/06/2000 Mon 2345 (GG)
 3485.0 E10 VLB2 USB 06/06/2000 Tue 2345 (GG)
 3485.0 E10 VLB2 USB 07/06/2000 Wed 2345 (GG)
 3485.0 E10 VLB2 USB 08/06/2000 Thu 2345 (GG)
 3485.0 E10 VLB2 USB 10/06/2000 Sat 2345 (GG)
 3640.0 E10 SYN2 USB 02/06/2000 Fri 2345 (GG)
 3640.0 E10 SYN2 USB 05/06/2000 Mon 0045 (GG)
 3640.0 E10 SYN2 USB 05/06/2000 Mon 2245 (GG)
 3640.0 E10 SYN2 USB 05/06/2000 Mon 2345 (GG)
 3640.0 E10 SYN2 USB 06/06/2000 Tue 2345 (GG)
 3640.0 E10 SYN2 USB 07/06/2000 Wed 2345 (GG)
 3640.0 E10 SYN2 USB 08/06/2000 Thu 2345 (GG)
 3640.0 E10 SYN2 USB 10/06/2000 Sat 2345 (GG)
 3640.0 E10 SYN2 USB 11/06/2000 Sun 2145 (GG)
 3756 XP The pip CW 24/06/2000 Sat 1800 (RP)
 3840.0 E10 YHF 9 PJGHM USB 03/06/2000 Sat 0000 (GG)
 3840.0 E10 2 msgs: 30 ALUZQ/46 RGP AZ USB 05/06/2000 Mon 2200 (GG)
 3840.0 E10 YHF2 USB 05/06/2000 Mon 2230 (GG)
 3840.0 E10 YHF2 USB 05/06/2000 Mon 2300 (GG)
 3840.0 E10 YHF 9 PGJHM USB 07/06/2000 Wed 0000 (GG)
 3840.0 E10 YHF2 USB 07/06/2000 Wed 2300 (GG)
 3840.0 E10 YHF2 USB 09/06/2000 Fri 2300 (GG)
 3840.0 E10 YHF2 USB 11/06/2000 Sun 2130 (GG)
 3840.0 E10 YHF 17 LJSAP USB 11/06/2000 Sun 2200 (GG)
 4017.0 V02a late - into 5FG w/o call-up AM 23/06/2000 Fri 0400

4031	XM	Russian navy Kaliningrad. Channelmarker P CW 14/06/2000 Wed 2123 (RGA)
4270.0	E10	PCD2 USB 02/06/2000 Fri 2300 (GG)
4270.0	E10	PCD 96 FEMTD USB 03/06/2000 Sat 0000 (GG)
4270.0	E10	PCD covered by RTTY USB 05/06/2000 Mon 0030 (GG)
4270.0	E10	PCD 32 OJWBW USB 05/06/2000 Mon 2200 (GG)
4270.0	E10	PCD2 USB 05/06/2000 Mon 2230 (GG)
4270.0	E10	PCD2 USB 05/06/2000 Mon 2300 (GG)
4270.0	E10	PCD2 USB 05/06/2000 Mon 2330 (GG)
4270.0	E10	PCD2 USB 06/06/2000 Tue 2330 (GG)
4270.0	E10	PCD 56 IICRC USB 07/06/2000 Wed 0000 (GG)
4270.0	E10	PCD2 USB 07/06/2000 Wed 2300 (GG)
4270.0	E10	PCD2 USB 07/06/2000 Wed 2330 (GG)
4270.0	E10	PCD2 USB 09/06/2000 Fri 2300 (GG)
4270.0	E10	PCD 56 ISCRC USB 11/06/2000 Sun 0000 (GG)
4270.0	E10	PCD2 USB 11/06/2000 Sun 2130 (GG)
4270.0	E10	PCD 2 msgs: 98 UIFFQ/13 PDYWH USB 11/06/2000 Sun 2200 (GG)
4325	XM	Russian mil Izhevsk. Channelmarker R. Same on Sat 24-6 at 18.42 CW 17/06/2000 Sat 1750 (RP)
4360.0	E10	KPA2 USB 02/06/2000 Fri 2315 (GG)
4360.0	E10	KPA2 USB 03/06/2000 Sat 0015 (GG)
4360.0	E10	KPA2 USB 07/06/2000 Wed 2315 (GG)
4360.0	E10	KPA2 USB 11/06/2000 Sun 2215 (GG)
4461.0	E10	FTJ USB 02/06/2000 Fri 2300 (GG)
4461.0	E10	FTJ 59 CGQUI USB 02/06/2000 Fri 2330 (GG)
4461.0	E10	FTJ USB 03/06/2000 Sat 1800 (GG)
4461.0	E10	FTJ 34 FAULY USB 05/06/2000 Mon 0100 (GG)
4461.0	E10	FTJ USB 05/06/2000 Mon 2200 (GG)
4461.0	E10	FTJ 73 BCHGA USB 05/06/2000 Mon 2300 (GG)
4461.0	E10	FTJ 59 CGQUI USB 05/06/2000 Mon 2330 (GG)
4461.0	E10	FTJ 59 CGQUI USB 06/06/2000 Tue 2330 (GG)
4461.0	E10	FTJ 73 BCHGA USB 07/06/2000 Wed 2300 (GG)
4461.0	E10	FTJ 59 CGQUI USB 07/06/2000 Wed 2330 (GG)
4461.0	E10	FTJ 68 SQEQK USB 09/06/2000 Fri 2300 (GG)
4461.0	E10	FTJ 40 VEQBA USB 10/06/2000 Sat 2330 (GG)
4461.0	E10	in progress USB 11/06/2000 Sun 2123 (GG)
4461.0	E10	FTJ 118 BLAXR USB 11/06/2000 Sun 2130 (GG)
4461.0	E10	FTJ 118 CNEHW USB 11/06/2000 Sun 2200 (GG)
4463.0	E10	FTJ 2 msgs: 18 GLQUH/42 GXZDP USB 05/06/2000 Mon 2230 (GG)
4463.0	E10	in progress USB 09/06/2000 Fri 2235 (GG)
4463.0	E10	FTJ 2 msgs: 18 LQUH/42 GXZDP USB 11/06/2000 Sun 2230 (GG)
4476	XM	Russian navy Kaliningrad. Channelmarker P CW 14/06/2000 Wed 2059 (RGA)
4479.0	V02	Fri only AM 09/06/2000 Fri 0400 (LA)
4506.5	M8a	in progress CW 01/06/2000 Thu 0100 (JM4)

4555,85 XM Channelmarker F. -NOT- Vladivostok but eastern Europe
 CW 11/06/2000 Sun 0810 (RP)

4560.0 E10 YHF2 USB 05/06/2000 Mon 2230 (GG)
 4560.0 E10 YHF2 USB 05/06/2000 Mon 2300 (GG)
 4560.0 E10 YHF2 USB 07/06/2000 Wed 2300 (GG)
 4560.0 E10 YHF2 USB 09/06/2000 Fri 2300 (GG)
 4560.0 E10 YHF2 USB 11/06/2000 Sun 2130 (GG)

4605 XM Russian navy Kaliningrad. Channelmarker P CW 24/06/2000
 Sat 0820 (RP)

4625 UVB76 The Buzzer AM 24/06/2000 Sat 1210 (RP)

4625.0 S28 The Buzzer USB 17/06/2000 Sat 0100 (JM4)

4780.0 E10 SYN2 USB 02/06/2000 Fri 2345 (GG)
 4780.0 E10 SYN2 USB 05/06/2000 Mon 0045 (GG)
 4780.0 E10 SYN2 USB 05/06/2000 Mon 2245 (GG)
 4780.0 E10 SYN2 USB 05/06/2000 Mon 2345 (GG)

4830 G04 67067 30161 (27 gr) AM 07/05/2000 Sun 2005 (HFD)

4880.0 E10 ULX 80 GEKIW USB 02/06/2000 Fri 2300 (GG)
 4880.0 E10 ULX net. 90 Gp Msg USB 04/06/2000 Sun 2100 (MF)
 4880.0 E10 ULX 62 JPWZH USB 05/06/2000 Mon 0030 (GG)
 4880.0 E10 ULX2 USB 05/06/2000 Mon 2200 (GG)
 4880.0 E10 ULX2 USB 05/06/2000 Mon 2230 (GG)
 4880.0 E10 ULX 62 JOWZH (late start) USB 07/06/2000 Wed 0032 (GG)
 4880.0 E10 ULX 50 IFPZG USB 07/06/2000 Wed 2300 (GG)
 4880.0 E10 ULX 50 IFPZG USB 09/06/2000 Fri 2300 (GG)
 4880.0 E10 ULX 62 JP?ZH USB 11/06/2000 Sun 0030 (GG)
 4880.0 E10 ULX 14 JCQYR USB 11/06/2000 Sun 2130 (GG)
 4880.0 E10 ULX2 USB 11/06/2000 Sun 2200 (GG)

4905 M01A 025 333 10.42 111 10051 CW 25/05/2000 Thu 2000

4930 G04 67067 30161 (27 gr) AM 07/05/2000 Sun 2035 (HFD)

5091.0 E10 JSR net USB 04/06/2000 Sun 2100 (MF)
 5091.0 E10 JSR net. 38Gp Msg USB 04/06/2000 Sun 2200 (MF)
 5091.0 E10 JSR 38 CQEBU USB 05/06/2000 Mon 2200 (GG)
 5091.0 E10 JSR v. weak USB 06/06/2000 Tue 1830 (GH*)
 5091.0 E10 in progress USB 09/06/2000 Fri 2235 (GG)
 5091.0 E10 JSR 26 AAQKY USB 11/06/2000 Sun 2130 (GG)
 5091.0 E10 JSR 58 CQEBU USB 11/06/2000 Sun 2200 (GG)
 5091.0 E10 JSR 36 MJGDE USB 11/06/2000 Sun 2230 (GG)

5111 XM Russian navy Kaliningrad. Channelmarker P CW 24/06/2000
 Sat 0820 (RP)

5170.0 E10 VLB2 USB 02/06/2000 Fri 2345 (GG)
 5170.0 E10 VLB2 USB 05/06/2000 Mon 0045 (GG)
 5170.0 E10 VLB2 USB 05/06/2000 Mon 2245 (GG)
 5170.0 E10 VLB2 USB 05/06/2000 Mon 2345 (GG)
 5170.0 E10 VLB2 USB 06/06/2000 Tue 2345 (GG)
 5170.0 E10 VLB2 USB 07/06/2000 Wed 2345 (GG)
 5170.0 E10 VLB2 USB 08/06/2000 Thu 2345 (GG)
 5170.0 E10 VLB2 USB 10/06/2000 Sat 2345 (GG)
 5170.0 E10 VLB2 USB 11/06/2000 Sun 2145 (GG)

5170.0 E10 //8465 MIW2 USB 27/06/2000 Tue 0115 (JM4)
5170.0 E10 MIW2 USB 27/06/2000 Tue 0215 (JM4)
5175.0 E05 Call 351 Count 80 USB 03/06/2000 Sat 1800 (GG)
5220 G04 82333 AM 01/06/2000 Thu 2005 (PB)
5220 G04 82333 88014 64165 (27 groups) //5320 kHz AM 01/06/2000
Thu 2005 (AK)
5220 G04 unsched. txm. Poor audio LSB 04/06/2000 Sun 1947 (PB)
5220 G04 82333 88014 (27gr) AM 04/06/2000 Sun 2005 (HFD)
5220 G04 82333 LSB 04/06/2000 Sun 2005 (PB)
5220 G04 unsched. txm 127.277 USB 11/06/2000 Sun 1949 (PB)
5220 G04 82333 etc USB 11/06/2000 Sun 2005 (PB)
5220 G04 03040 20000 (20gr)
5320 kHz G04 2035Z Sun 000604 82333 88014 (27gr)
5320 kHz G04 2035Z Thu 000622 03040 20000 (20gr)
5580 kHz M29 2030Z AM 22/06/2000 Thu 2005 (HFD)
5220.0 G4 AM 25/06/2000 Sun 2005 (MH)
5230.0 E10 //7605 VLB2 USB 28/06/2000 Wed 0245 (JM4)
5238 E05 Counting station. id 456 AM 11/06/2000 Sun 0300 (FL)
5238.0 E05 //5812 rptg 115 Count 159 AM 23/06/2000 Fri 0300 (JM4)
5238.0 E05 //5812 rptg 774 Count 124 AM 28/06/2000 Wed 0300 (JM4)
5320 G04 82333 AM 01/06/2000 Thu 2021 (PB)
5320 G04 late start. 82333 AM 01/06/2000 Thu 2037 (PB)
5320 G04 unsched. txm. 33 82333 88015 88015. Poor audio LSB
04/06/2000 Sun 2024 (PB)
5320 G04 82333. Poor audio LSB 04/06/2000 Sun 2035 (PB)
5320 G04 unsched. txm, 72072 etc USB 11/06/2000 Sun 2033 (PB)
5320 G04 5fgs USB 11/06/2000 Sun 2035 (CD)
5320 G04 82333 etc USB 11/06/2000 Sun 2035 (PB)
5320.0 G4 carrier with CW @ 20:27 (...-) UTC TX start 20:36 AM
25/06/2000 Sun 2027 (MH)
5333 SNJ3 Slovak mil.Trencin. Calling GNJK + 5LGs CW 07/06/2000
Wed 1921 (RGA)
5340 M29 55 27 7 2200 6.782 13065 CW 07/05/2000 Sun 2000 (HFD)
5417.0 V02a A 35902 83052 43293 AM 02/06/2000 Fri 0200 (JM4)
5422.0 E03 97380 USB 11/06/2000 Sun 2200 (GG)
5435.0 E10 ART 67 HERGA USB 02/06/2000 Fri 2330 (GG)
5435.0 E10 ART 37 YIEWD USB 03/06/2000 Sat 0000 (GG)
5435.0 E10 ART USB 03/06/2000 Sat 1800 (GG)
5435.0 E10 ART2 USB 05/06/2000 Mon 2200 (GG)
5435.0 E10 ART 2 msgs: 102 TKWOI/30 RWQRW USB 05/06/2000 Mon 2230
(GG)
5435.0 E10 ART 63 TNCMC USB 05/06/2000 Mon 2330 (GG)
5435.0 E10 ART 63 TNCMC USB 06/06/2000 Tue 2330 (GG)
5435.0 E10 ART 37 IEWD USB 07/06/2000 Wed 0000 (GG)
5435.0 E10 ART 63 TNCMC (strong blank carrier on USB 07/06/2000
Wed 2330 (GG)
5435.0 E10 ART 63 TNCMC USB 10/06/2000 Sat 2330 (GG)
5435.0 E10 ART 35 LBXGR USB 11/06/2000 Sun 0000 (GG)

5435.0 E10 ART 36 RBD SG USB 11/06/2000 Sun 2130 (GG)
5435.0 E10 ART 2 msgs: 87 YVCYR/ ?? ?EYPG USB 11/06/2000 Sun 2200 (GG)
5435.0 E10 ART 55 BYK?? USB 11/06/2000 Sun 2230 (GG)
5435.0 E10 USB 25/06/2000 Sun 2248 (MH)
5435.0 E10 ??? in progress USB 27/06/2000 Tue 0145 (JM4)
5435.0 E10 ??? in progress USB 29/06/2000 Thu 0145 (JM4)
5440 M29 55 27 7 2200 6.782 13065 CW 07/05/2000 Sun 2030 (HFD)
5448 XP The pip CW 24/06/2000 Sat 1450 (RP)
5465 XM Russian mil Izhevsk. Channelmarker 'R' CW 11/06/2000 Sun 2035 (CD)
5465 XM Russian mil Izhevsk. Channelmarker R CW 17/06/2000 Sat 1750 (RP)
5495 REA4 Russian Air Force Moscow //7997 kHz CW 07/06/2000 Wed 2040 (RGA)
5495 REA4 Russian Air Force Moscow. 27190 + 5LGs //8984 and 7997 kHz CW 27/06/2000 Tue 1940 (RGA)
5746.0 E03 I.D.=97380. //8464 USB 04/06/2000 Sun 2200 (MF)
5750 G07 5fgs ends with 000 000 AM 12/06/2000 Mon 2050 (CD)
5762.0 V02 "25761 18941 80861" AM 10/06/2000 Sat 0200 (LA)
5762.0 V02a A 25561 18941 80861 AM 10/06/2000 Sat 0200 (JM4)
5762.0 V02a A 25563 33202 80803 AM 24/06/2000 Sat 0200 (JM4)
5800.0 V02 Heavily covered AM 12/06/2000 Mon 0300 (GG)
5807 M63 A2A wkg out stations on 6967 kHz. //6763 khz CW 11/06/2000 Sun 2000 (JD)
5812 E05 Counting station. 774 count 124 5FGs AM 28/06/2000 Wed 0300 (TM)
5812.0 E05 //5238 rptg 155 Count 159 AM 23/06/2000 Fri 0300 (JM4)
5812.0 E05 //5238 rptg 774 Count 124 AM 28/06/2000 Wed 0300 (JM4)
5820.0 E10 2 msgs: 30 ALUZQ/46 RGP AZ USB 05/06/2000 Mon 2200 (GG)
5820.0 E10 YHF 17 LJSAP USB 11/06/2000 Sun 2200 (GG)
5862 XM Russian navy Kaliningrad. Channelmarker P CW 24/06/2000 Sat 0821 (RP)
6270.0 E10 //7760 ULX USB 01/06/2000 Thu 0100 (JM4)
6270.0 E10 ULX 80 GEKIW USB 02/06/2000 Fri 2300 (GG)
6270.0 E10 //7760 ULX (28) __C__ USB 04/06/2000 Sun 0100 (JM4)
6270.0 E10 ULX 23 UDCEU USB 05/06/2000 Mon 0100 (GG)
6270.0 E10 ULX2 USB 05/06/2000 Mon 2230 (GG)
6270.0 E10 ULX group 27 DFLEL USB 06/06/2000 Tue 1830 (GH*)
6270.0 E10 ULX 50 IFPZG USB 07/06/2000 Wed 2300 (GG)
6270.0 E10 KPA2 USB 07/06/2000 Wed 2315 (GG)
6270.0 E10 ULX 50 IFPZG USB 09/06/2000 Fri 2300 (GG)
6270.0 E10 //7760 ULX in progress USB 10/06/2000 Sat 0100 (JM4)
6270.0 E10 ULX2 USB 11/06/2000 Sun 2200 (GG)
6270.0 E10 //7760 ULX USB 12/06/2000 Mon 0100 (JM4)
6270.0 E10 //7760 ULX (44) E_L_J USB 17/06/2000 Sat 0100 (JM4)
6270.0 E10 //7760 ULX (44) ELLTI USB 23/06/2000 Fri 0100 (JM4)
6270.0 E10 //7760 ULX (44) EIL_J USB 27/06/2000 Tue 0100 (JM4)

6270.0 E10 //7760 ULX (44) EILTI USB 28/06/2000 Wed 0100 (JM4)
6270.0 E10 //7760 ULX (44) EILTI USB 29/06/2000 Thu 0100 (JM4)
6370.0 E10 KPA2 USB 01/06/2000 Thu 0015 (JM4)
6370.0 E10 KPA2 USB 02/06/2000 Fri 2315 (GG)
6370.0 E10 KPA2 USB 03/06/2000 Sat 0015 (GG)
6370.0 E10 KPA2 USB 05/06/2000 Mon 2215 (GG)
6370.0 E10 KPA2 USB 06/06/2000 Tue 2315 (GG)
6370.0 E10 KPA2 USB 07/06/2000 Wed 0015 (GG)
6370.0 E10 KPA2 USB 10/06/2000 Sat 0115 (JM4)
6370.0 E10 KPA2 USB 11/06/2000 Sun 0015 (GG)
6370.0 E10 KPA2 USB 11/06/2000 Sun 2215 (GG)
6370.0 E10 KPA2 USB 12/06/2000 Mon 0115 (JM4)
6370.0 E10 KPA2 USB 17/06/2000 Sat 0115 (JM4)
6370.0 E10 KPA2 USB 23/06/2000 Fri 0215 (JM4)
6370.0 E10 KPA2 USB 24/06/2000 Sat 0115 (JM4)
6370.0 E10 KPA2 USB 27/06/2000 Tue 0115 (JM4)
6370.0 E10 KPA2 USB 27/06/2000 Tue 0215 (JM4)
6370.0 E10 KPA2 USB 28/06/2000 Wed 0115 (JM4)
6370.0 E10 KPA2 USB 28/06/2000 Wed 0215 (JM4)
6370.0 E10 KPA2 USB 29/06/2000 Thu 0215 (JM4)
6420 M29 99 17 2 1900 71446 17428 CW 09/05/2000 Tue 1900 (HFD)
6420 M29 99 17 21 1900 71446 CW 27/05/2000 Sat 1900 (HFD)
6485.0 E03 I.D.=97380. //8464 USB 02/06/2000 Fri 1800 (MF)
6485.0 E03 I.D.=97380.//=8464 USB 11/06/2000 Sun 2200 (MF)
6498.0 E10 PCD 96 FEMTD USB 03/06/2000 Sat 0000 (GG)
6498.0 E10 PCD 32 OJWBW USB 05/06/2000 Mon 2200 (GG)
6498.0 E10 PCD2 USB 05/06/2000 Mon 2230 (GG)
6498.0 E10 PCD heavily covered (late start) USB 07/06/2000 Wed 0032 (GG)
6498.0 E10 PCD 56 ISCRC USB 11/06/2000 Sun 0000 (GG)
6647.0 V08 Weak Modulation AM 03/06/2000 Sat 1800 (MF)
6763 M63 A2A wkg out stations on 6967 kHz. //5807 khz CW 11/06/2000 Sun 2000 (JD)
6768.0 V02 loud hum in background AM 10/06/2000 Sat 0100 (LA)
6768.0 V02a in progress AM 10/06/2000 Sat 0100 (JM4)
6768.0 V02a into 5FG w/o call-up AM 17/06/2000 Sat 0100 (JM4)
6768.0 V02a A 25563 33202 80803 AM 24/06/2000 Sat 0100 (JM4)
6786.0 V02 AM 18/06/2000 Sun 0600 (WK)
6840.0 E10 //9130 EZI (80) CWHWR USB 01/06/2000 Thu 0100 (JM4)
6840.0 E10 //9130 EZI (80) CWHWR USB 02/06/2000 Fri 0100 (JM4)
6840.0 E10 EZI USB 04/06/2000 Sun 0100 (JM4)
6840.0 E10 EZI 80 CWHWR USB 05/06/2000 Mon 0100 (GG)
6840.0 E10 EZI 63 SNWMK USB 05/06/2000 Mon 2230 (GG)
6840.0 E10 63 SNVMK USB 09/06/2000 Fri 2235 (GG)
6840.0 E10 //9130 EZI in progress USB 10/06/2000 Sat 0100 (JM4)
6840.0 E10 EZI 30 YNYBA USB 11/06/2000 Sun 2130 (GG)
6840.0 E10 EZI 116 AEFDO USB 11/06/2000 Sun 2230 (GG)
6840.0 E10 //9130 EZI (80) CWHWR USB 12/06/2000 Mon 0100 (JM4)

6840.0 E10 //9130 EZI2 USB 17/06/2000 Sat 0100 (JM4)
6840.0 E10 //9130 EZI2 USB 23/06/2000 Fri 0100 (JM4)
6840.0 E10 //9130 EZI2 USB 27/06/2000 Tue 0100 (JM4)
6840.0 E10 //9130 EZI2 USB 28/06/2000 Wed 0100 (JM4)
6840.0 E10 //9130 EZI2 USB 29/06/2000 Thu 0100 (JM4)
6855.0 V02a A 31303 33303 36833 AM 05/06/2000 Mon 0300 (JM4)
6915 E06 vlg 531 AM 26/06/2000 Mon 2027 (CD)
6915 G07 in progress 5fgs ends with 000 000 AM 12/06/2000 Mon
2040 (CD)
6915 G07 531 000 (531 cf. 9925 E06) AM 26/06/2000 Mon 2030 (HFD)
6945 S17C 78033 AM 06/05/2000 Sat 1250 (HFD)
6945 S17C 89037 AM 20/05/2000 Sat 1250 (HFD)
6945 S17C 76024 AM 21/05/2000 Sun 1250 (HFD)
6945 S17C 90033 AM 27/05/2000 Sat 1250 (HFD)
6945 S17C 73045 AM 28/05/2000 Sun 1250 (HFD)
6945 S17C 68039 AM 01/06/2000 Thu 1250 (HFD)
6945 S17C 90047 AM 02/06/2000 Fri 1250 (HFD)
6945 S17C 90047 AM 04/06/2000 Sun 1250 (HFD)
6945 S17C 70053
6945 S17C 1250 Thu 000622 73042
6945 S17C 1250 Thu 000629 87054
6959.0 E03 I.D.=82581. //11545 USB 04/06/2000 Sun 2100 (MF)
6959.0 E03 in progress USB 05/06/2000 Mon 2218 (GG)
6959.0 E03 I.D.=82581.//9251 USB 11/06/2000 Sun 2100 (MF)
6960.0 E05 Calling 165 Count 175 964/71 ... USB 05/06/2000 Mon
2200 (GG)
6960.0 E05 Call 165 Count 175 964/71 ... USB 07/06/2000 Wed 2200
6986 E10 Israeli Intelligence. ART AM 02/06/2000 Fri 2105 (IJ)
7337.0 E03 I.D.=16284. //9251 USB 07/06/2000 Wed 2100 (MF)
7337.0 E03 I.D.=07053. //9251 USB 07/06/2000 Wed 2200 (MF)
7337.0 E03 07053 USB 07/06/2000 Wed 2200 (GG)
7358.0 E10 FTJ group 65 CLZLI USB 06/06/2000 Tue 1700 (GH*)
7358.0 E10 in progress USB 11/06/2000 Sun 2123 (GG)
7432 E05 Counting station. 802 AM 26/06/2000 Mon 2005 (CD)
7445.0 E10 SYN2 USB 02/06/2000 Fri 0145 (JM4)
7445.0 E10 SYN2 USB 02/06/2000 Fri 2345 (GG)
7445.0 E10 SYN2 USB 05/06/2000 Mon 0045 (GG)
7445.0 E10 SYN2 USB 05/06/2000 Mon 2245 (GG)
7445.0 E10 SYN2 USB 06/06/2000 Tue 2345 (GG)
7445.0 E10 SYN2 USB 07/06/2000 Wed 2345 (GG)
7445.0 E10 SYN2 USB 08/06/2000 Thu 0445 (GG)
7445.0 E10 SYN2 USB 08/06/2000 Thu 2345 (GG)
7445.0 E10 SYN2 USB 09/06/2000 Fri 2245 (GG)
7445.0 E10 weak/unreadable USB 10/06/2000 Sat 0145 (JM4)
7445.0 E10 SYN2 USB 10/06/2000 Sat 2345 (GG)
7445.0 E10 SYN2 USB 11/06/2000 Sun 2145 (GG)
7445.0 E10 weak/unreadable USB 17/06/2000 Sat 0145 (JM4)
7445.0 E10 SYN2 USB 23/06/2000 Fri 0145 (JM4)

7445.0 E10 SYN2 USB 23/06/2000 Fri 0245 (JM4)
7445.0 E10 SYN2 USB 24/06/2000 Sat 0145 (JM4)
7445.0 E10 SYN2 USB 27/06/2000 Tue 0145 (JM4)
7445.0 E10 SYN2 USB 28/06/2000 Wed 0145 (JM4)
7445.0 E10 SYN2 USB 28/06/2000 Wed 0245 (JM4)
7445.0 E10 SYN2 USB 29/06/2000 Thu 0145 (JM4)
7555.0 V02 Atencion 19143 14411 55911 AM 11/06/2000 Sun 0300 (GG)
7555.0 V02 Sun only AM 11/06/2000 Sun 0300 (LA)
7605.0 E10 VLB2 USB 01/06/2000 Thu 0045 (JM4)
7605.0 E10 VLB2 USB 02/06/2000 Fri 0145 (JM4)
7605.0 E10 VLB2 USB 02/06/2000 Fri 2345 (GG)
7605.0 E10 VLB2 USB 05/06/2000 Mon 0045 (GG)
7605.0 E10 VLB2 USB 05/06/2000 Mon 2245 (GG)
7605.0 E10 VLB2 USB 05/06/2000 Mon 2345 (GG)
7605.0 E10 VLB2 USB 06/06/2000 Tue 2345 (GG)
7605.0 E10 VLB2 USB 07/06/2000 Wed 2345 (GG)
7605.0 E10 VLB2 USB 08/06/2000 Thu 0445 (GG)
7605.0 E10 VLB2 USB 08/06/2000 Thu 2345 (GG)
7605.0 E10 VLB2 USB 09/06/2000 Fri 2245 (GG)
7605.0 E10 VLB2 USB 10/06/2000 Sat 0145 (JM4)
7605.0 E10 VLB2 USB 10/06/2000 Sat 2345 (GG)
7605.0 E10 VLB2 USB 11/06/2000 Sun 2145 (GG)
7605.0 E10 VLB2 USB 12/06/2000 Mon 0045 (JM4)
7605.0 E10 VLB2 USB 17/06/2000 Sat 0145 (JM4)
7605.0 E10 VLB2 USB 23/06/2000 Fri 0145 (JM4)
7605.0 E10 VLB2 USB 23/06/2000 Fri 0245 (JM4)
7605.0 E10 VLB2 USB 24/06/2000 Sat 0145 (JM4)
7605.0 E10 VLB2 USB 27/06/2000 Tue 0145 (JM4)
7605.0 E10 VLB2 USB 28/06/2000 Wed 0145 (JM4)
7605.0 E10 //5230 VLB2 USB 28/06/2000 Wed 0245 (JM4)
7605.0 E10 VLB2 USB 29/06/2000 Thu 0145 (JM4)
7726.0 V02 AM 18/06/2000 Sun 0506 (WK)
7760.0 E10 //6270 ULX USB 01/06/2000 Thu 0100 (JM4)
7760.0 E10 ULX USB 02/06/2000 Fri 0100 (JM4)
7760.0 E10 //6270 ULX (28) __C__ USB 04/06/2000 Sun 0100 (JM4)
7760.0 E10 ULX 23 UDCEU USB 05/06/2000 Mon 0100 (GG)
7760.0 E10 //6270 ULX in progress USB 10/06/2000 Sat 0100 (JM4)
7760.0 E10 //6270 ULX USB 12/06/2000 Mon 0100 (JM4)
7760.0 E10 //6270 ULX (44) E_L_J USB 17/06/2000 Sat 0100 (JM4)
7760.0 E10 //6270 ULX (44) ELLTI USB 23/06/2000 Fri 0100 (JM4)
7760.0 E10 ULX weak/QRM USB 24/06/2000 Sat 0100 (JM4)
7760.0 E10 //6270 ULX (44) EIL_J USB 27/06/2000 Tue 0100 (JM4)
7760.0 E10 //6270 ULX (44) EILTI USB 28/06/2000 Wed 0100 (JM4)
7760.0 E10 //6270 ULX (44) EILTI USB 29/06/2000 Thu 0100 (JM4)
7786 Russian mil. Test rounds USB 07/06/2000 Wed 0825 (IJ)
7811 E10 Israeli Intelligence. MIW2 AM 02/06/2000 Fri 2116 (IJ)
7811.0 E10 //12747 MIW2 cont past :45 USB 02/06/2000 Fri 0115
7811.0 E10 MIW2 USB 02/06/2000 Fri 2315 (GG)

7811.0 E10 MIW2 USB 03/06/2000 Sat 0015 (GG)
7811.0 E10 MIW2 USB 05/06/2000 Mon 2215 (GG)
7811.0 E10 MIW2 USB 06/06/2000 Tue 2315 (GG)
7811.0 E10 MIW2 USB 07/06/2000 Wed 0015 (GG)
7811.0 E10 MIW2 USB 07/06/2000 Wed 2315 (GG)
7811.0 E10 //12747 MIW2 USB 10/06/2000 Sat 0115 (JM4)
7811.0 E10 MIW2 USB 11/06/2000 Sun 0015 (GG)
7811.0 E10 MIW2 USB 11/06/2000 Sun 2215 (GG)
7811.0 E10 //9270 MIW2 USB 17/06/2000 Sat 0115 (JM4)
7887.0 V02 Sun only, //3245 AM 11/06/2000 Sun 0200 (LA)
7887.0 V02 Atencion 19143 04401 55911 AM 11/06/2000 Sun 0200 (GG)
7918.0 E10 //9382 YHF (85) S_PRM USB 02/06/2000 Fri 0130 (JM4)
7918.0 E10 YHF (27) OITUA USB 02/06/2000 Fri 0200 (JM4)
7918.0 E10 YHF2 USB 12/06/2000 Mon 0200 (JM4)
7918.0 E10 //9382 YHF (85) SF_RM USB 17/06/2000 Sat 0130 (JM4)
7918.0 E10 //9382 YHF USB 23/06/2000 Fri 0130 (JM4)
7918.0 E10 YHF USB 23/06/2000 Fri 0200 (JM4)
7918.0 E10 YHF USB 23/06/2000 Fri 0230 (JM4)
7918.0 E10 YHF weak/QRM USB 24/06/2000 Sat 0130 (JM4)
7918.0 E10 //9382 YHF (87) __NP_ USB 27/06/2000 Tue 0130 (JM4)
7918.0 E10 YHF unreadable USB 27/06/2000 Tue 0200 (JM4)
7918.0 E10 //9382 (87) ONNPC USB 28/06/2000 Wed 0130 (JM4)
7918.0 E10 YHF USB 28/06/2000 Wed 0200 (JM4)
7918.0 E10 YHF (_9) _____ USB 28/06/2000 Wed 0230 (JM4)
7918.0 E10 //9382 YHF weak USB 29/06/2000 Thu 0130 (JM4)
7918.0 E10 YHF weak USB 29/06/2000 Thu 0200 (JM4)
7918.0 E10 YHF (30) __GXX
7997 REA4 Russian Air Force Moscow //5495 kHz CW 07/06/2000 Wed 2040 (RGA)
7997 REA4 Russian Air Force Moscow. 27190 + 5LGs //5495 and 8984 kHz CW 27/06/2000 Tue 1940 (RGA)
8085.0 E05 Call 351 Count 80 USB 03/06/2000 Sat 1800 (GG)
8085.0 E05 Rptg 016 count 211 //9219 AM 06/06/2000 Tue 1700 (GH*)
8127 E10 Israeli Intelligence. CI02 AM 05/06/2000 Mon 2052 (IJ)
8127.0 E10 CI02 USB 02/06/2000 Fri 2345 (GG)
8127.0 E10 CI02 USB 05/06/2000 Mon 0045 (GG)
8127.0 E10 CI02 USB 05/06/2000 Mon 2245 (GG)
8127.0 E10 MIW2 USB 05/06/2000 Mon 2315 (GG)
8127.0 E10 CI02 USB 05/06/2000 Mon 2345 (GG)
8127.0 E10 CI02 USB 06/06/2000 Tue 2345 (GG)
8127.0 E10 CI02 USB 07/06/2000 Wed 2345 (GG)
8127.0 E10 CI02 USB 08/06/2000 Thu 0445 (GG)
8127.0 E10 CI02 USB 08/06/2000 Thu 2345 (GG)
8127.0 E10 CI02 USB 09/06/2000 Fri 2245 (GG)
8127.0 E10 //10352//12376 CI02 USB 10/06/2000 Sat 0145 (JM4)
8127.0 E10 CI02 USB 10/06/2000 Sat 2345 (GG)
8127.0 E10 CI02 USB 11/06/2000 Sun 2145 (GG)
8127.0 E10 //10352 CI02 USB 17/06/2000 Sat 0145 (JM4)

8127.0 E10 //12376 CI02 USB 23/06/2000 Fri 0145 (JM4)
8127.0 E10 //10352 CI02 USB 27/06/2000 Tue 0145 (JM4)
8127.0 E10 CI02 USB 29/06/2000 Thu 0145 (JM4)
8143 E05 Counting station. 526 count 96 USB 03/06/2000 Sat 1000
8143 E05 Counting station. 526 count 96 USB 04/06/2000 Sun 1000
8173 G07 clg 531 AM 26/06/2000 Mon 2010 (CD)
8300.0 V13 AM 05/06/2000 Mon 1330 (JM4)
8300.0 V13 YL/CC 4FGx2 AM 15/06/2000 Thu 1400 (JM4)
8375.0 V022 no message format repeated twice AM 05/06/2000 Mon 1330
(JM4)
8464.0 E03 97380 USB 11/06/2000 Sun 2200 (GG)
8465.0 E10 MIW2 USB 23/06/2000 Fri 0115 (JM4)
8465.0 E10 MIW2 USB 23/06/2000 Fri 0215 (JM4)
8465.0 E10 //5170 MIW2 USB 27/06/2000 Tue 0115 (JM4)
8465.0 E10 MIW2 USB 29/06/2000 Thu 0115 (JM4)
8465.0 E10 MIW2 USB 29/06/2000 Thu 0215 (JM4)
8984 REA4 Russian Air Force Moscow. 27190 + 5LGs //5495 and 7997
kHz CW 27/06/2000 Tue 1940 (RGA)
9070.0 E05 USB 03/06/2000 Sat 1800 (GG)
9090.0 E05 Calling 165 Count 175 964/71 ... USB 05/06/2000 Mon
2200 (GG)
9090.0 E05 Call 165 Count 175 964/71 ... USB 07/06/2000 Wed 2200
9130.0 E10 //6840 EZI (80) CWHWR USB 01/06/2000 Thu 0100 (JM4)
9130.0 E10 phonetic string //7760 6270 6840 AM 01/06/2000 Thu 0100
9130.0 E10 //6840 EZI (80) CWHWR USB 02/06/2000 Fri 0100 (JM4)
9130.0 E10 EZI 80 CWHWR USB 05/06/2000 Mon 0100 (GG)
9130.0 E10 EZI 63 SNWMK USB 05/06/2000 Mon 2230 (GG)
9130.0 E10 63 SNVMK USB 09/06/2000 Fri 2235 (GG)
9130.0 E10 //6840 EZI in progress USB 10/06/2000 Sat 0100 (JM4)
9130.0 E10 EZI 30 YNYBA USB 11/06/2000 Sun 2130 (GG)
9130.0 E10 EZI 116 AEFDO USB 11/06/2000 Sun 2230 (GG)
9130.0 E10 //6840 EZI (80) CWHWR USB 12/06/2000 Mon 0100 (JM4)
9130.0 E10 //6840 EZI2 USB 17/06/2000 Sat 0100 (JM4)
9130.0 E10 //6840 EZI2 USB 23/06/2000 Fri 0100 (JM4)
9130.0 E10 //11565 EZI (27) _U_N_ USB 23/06/2000 Fri 0200 (JM4)
9130.0 E10 //11565 EZI weak/QRM USB 24/06/2000 Sat 0200 (JM4)
9130.0 E10 //6840 EZI2 USB 27/06/2000 Tue 0100 (JM4)
9130.0 E10 //11565 EZI (26) WUX__ slow delivery USB 27/06/2000 Tue
0200 (JM4)
9130.0 E10 //6840 EZI2 USB 28/06/2000 Wed 0100 (JM4)
9130.0 E10 //11565 EZI (26) W_XN_ USB 28/06/2000 Wed 0200 (JM4)
9130.0 E10 //6840 EZI2 USB 29/06/2000 Thu 0100 (JM4)
9130.0 E10 //11565 EZI (87) TNLSV USB 29/06/2000 Thu 0200 (JM4)
9219.0 E05 in progress USB 05/06/2000 Mon 2200 (GG)
9219.0 E05 Rptg 016 count 211 //8085 AM 06/06/2000 Tue 1700 (GH*)
9219.0 E05 Rptg 016 count 211 514/44 AM 08/06/2000 Thu 1700 (GH*)
9219 E05 2000 Mon 000605 212/72 53857 58168
9220 E05 Counting station USB 12/06/2000 Mon 2000 (CD)

9222 E06 clg 531. very long msg AM 26/06/2000 Mon 2010 (CD)
 9224 E06 null msg AM 12/06/2000 Mon 2010 (CD)
 9251.0 E03 In Progress. //11545 USB 02/06/2000 Fri 2200 (MF)
 9251.0 E03 07053 USB 07/06/2000 Wed 2200 (GG)
 9251.0 E03 In Progress. //11545 USB 10/06/2000 Sat 2100 (MF)
 9251.0 E03 I.D.=12291. //11545 USB 10/06/2000 Sat 2200 (MF)
 9251.0 E03 I.D.=52921.//11545 USB 11/06/2000 Sun 2000 (MF)
 9268.0 V02 AM 20/06/2000 Tue 0615 (SJ)
 9270.0 E10 //12747 MIW2 USB 01/06/2000 Thu 0015 (JM4)
 9270.0 E10 MIW2 USB 02/06/2000 Fri 2315 (GG)
 9270.0 E10 MIW2 USB 03/06/2000 Sat 0015 (GG)
 9270.0 E10 MIW2 USB 05/06/2000 Mon 2215 (GG)
 9270.0 E10 MIW2 USB 06/06/2000 Tue 2315 (GG)
 9270.0 E10 MIW2 USB 07/06/2000 Wed 0015 (GG)
 9270.0 E10 MIW2 USB 07/06/2000 Wed 2315 (GG)
 9270.0 E10 MIW2 USB 08/06/2000 Thu 0515 (GG)
 9270.0 E10 MIW2 USB 11/06/2000 Sun 0015 (GG)
 9270.0 E10 MIW2 USB 11/06/2000 Sun 2215 (GG)
 9270.0 E10 //7811 MIW2 USB 17/06/2000 Sat 0115 (JM4)
 9330.0 V02 Very weak AM 12/06/2000 Mon 0600 (GG)
 9382.0 E10 //7918 YHF (85) S_PRM USB 02/06/2000 Fri 0130 (JM4)
 9382.0 E10 YHF (85) SFPRM USB 10/06/2000 Sat 0130 (JM4)
 9382.0 E10 //7918 YHF (85) SF_RM USB 17/06/2000 Sat 0130 (JM4)
 9382.0 E10 //7918 YHF USB 23/06/2000 Fri 0130 (JM4)
 9382.0 E10 //7918 YHF (87) __NP_ USB 27/06/2000 Tue 0130 (JM4)
 9382.0 E10 //7918 (87) ONNPC USB 28/06/2000 Wed 0130 (JM4)
 9382.0 E10 //7918 YHF weak USB 29/06/2000 Thu 0130 (JM4)
 9725.0 V13 AM 05/06/2000 Mon 1330 (JM4)
 9725.0 V13 YL/CC 4FGx2 AM 15/06/2000 Thu 1400 (JM4)
 10100.0 V02a freq approx. clear signal. in progress. AM 06/06/2000
 Tue 0608 (BM)
 10100.0 V02a Freq. Approx. In progress. AM 08/06/2000 Thu 0529 (BM)
 10352.0 E10 //12376 CI02 USB 01/06/2000 Thu 0045 (JM4)
 10352.0 E10 CI02 USB 02/06/2000 Fri 2345 (GG)
 10352.0 E10 CI02 USB 05/06/2000 Mon 0045 (GG)
 10352.0 E10 CI02 USB 05/06/2000 Mon 2245 (GG)
 10352.0 E10 CI02 USB 05/06/2000 Mon 2345 (GG)
 10352.0 E10 CI02 USB 06/06/2000 Tue 2345 (GG)
 10352.0 E10 CI02 USB 07/06/2000 Wed 2345 (GG)
 10352.0 E10 CI02 USB 08/06/2000 Thu 0445 (GG)
 10352.0 E10 CI02 USB 08/06/2000 Thu 2345 (GG)
 10352.0 E10 CI02 USB 09/06/2000 Fri 2245 (GG)
 10352.0 E10 //8127//12376 CI02 USB 10/06/2000 Sat 0145 (JM4)
 10352.0 E10 CI02 USB 10/06/2000 Sat 2345 (GG)
 10352.0 E10 CI02 USB 11/06/2000 Sun 2145 (GG)
 10352.0 E10 //8127 CI02 USB 17/06/2000 Sat 0145 (JM4)
 10352.0 E10 //12376 CI02 USB 23/06/2000 Fri 0245 (JM4)
 10352.0 E10 //8127 CI02 USB 27/06/2000 Tue 0145 (JM4)

10352.0 E10 "Charlie India Oscar Two" - No message tonight! USB
 29/06/2000 Thu 0020 (MM)
 10352.0 E10 "Charlie India Oscar Two" // 12375, which was weaker
 signal. USB 30/06/2000 Fri 0020 (MM)
 10352.0 E10a //12376 CIO cont - no message USB 02/06/2000 Fri 0145
 10352.0 E10a CIO2 USB 06/06/2000 Tue 1645 (GH*)
 10355 M22 4XZ. Israeli Navy Tel Aviv CW 11/06/2000 Sun 1700 (PB)
 10445.0 V02 fuzzy, but audible. AM 04/06/2000 Sun 0003 (CY)
 10445.0 V02 Atencion 80043 08413 89913 AM 12/06/2000 Mon 0500 (GG)
 10446.0 V02a in progress AM 05/06/2000 Mon 0300 (JM4)
 10475 M42 FAPSI. Mazielka + encrypted msgs CROWD36 16/06/2000 Fri
 1550 (RH2)
 10600.0 E17 English Lady, in progress, ends 0 0 0 0 0 AM 26/06/2000
 Mon 0515 (BM)
 10642 S10E AM 06/05/2000 Sat 1300 (HFD)
 10642 S10E 111 10434 20 45854 18 64678 17 17570 16... 10434 80 20
 41822... 80 20 45854 77 18 44432... 77 18 64678 20 17
 08470... 20 17 17570 88 16 30413... 88 1 USB 02/06/2000
 Fri 1300 (HFD)
 10642 S10E 111 47537 20 66553 15 76564 18 54862 16... 47537 07 20
 72573... 07 20 66553 17 15 10085... 17 15 76564 64 18
 54862... 64 18 54862 75 16 54244... 75 1 USB 04/06/2000
 Sun 1300 (HFD)
 10642 S10E 5FGs AM 28/06/2000 Wed 1300 (PB)
 10642 S10E 111 24035 17 15251 15 46754 14 40032 18... 44035 44 17
 47814... USB 29/06/2000 Thu 1300 (HFD)
 10642 S10E 5FGs czech OM AM 30/06/2000 Fri 1300 (PB)
 10643 E05 in progress USB 10/05/2000 Wed 2012 (HFD)
 10648.0 E10 YHF 42 VIQOI USB 05/06/2000 Mon 1600 (GG)
 10665.0 V02 //10665 AM 01/06/2000 Thu 0300 (LA)
 10665.0 V05 Call 309 Count 125 286/12 ... USB 08/06/2000 Thu 0300
 10970.0 E10 //12747//14866 MIW2 for over an hour USB 03/06/2000 Sat
 1415 (JM4)
 10970.0 E10 //12747//14866 MIW2 continuously USB 04/06/2000 Sun
 1355 (JM4)
 10970.0 E10 //12747//14866 MIW2 up for hours USB 05/06/2000 Mon
 1315 (JM4)
 10970.0 E10 //12747//14866 MIW2 for hours USB 09/06/2000 Fri 1400
 10970.0 E10 //12747//14866 MIW2 USB 15/06/2000 Thu 1415 (JM4)
 11072 E05 Counting station. Count 197 USB 11/06/2000 Sun 1800
 11127 M42 FAPSI. Msgs on link 00054 RTTY 23/06/2000 Fri 1930 (JD)
 11420 M24 753 753 753 00000 high speed cw CW 10/05/2000 Wed 2000
 (HFD)
 11430.0 V13 AM 05/06/2000 Mon 1330 (JM4)
 11430.0 V13 YL/CC w/flute interval AM 10/06/2000 Sat 1500 (JM4)
 11430.0 V13 YL/CC 4FGx2 AM 15/06/2000 Thu 1400 (JM4)
 11430.0 V13 YL/CC 4FGx2 AM 23/06/2000 Fri 1400 (JM4)
 11495.0 V05 Call 309 Count 125 286/12 ... USB 08/06/2000 Thu 0300

11545.0 E03 //12603//13375 rptg 52521 USB 01/06/2000 Thu 1500 (JM4)
11545.0 E03 I.D.=52921. //12603, 13375 USB 02/06/2000 Fri 1600 (MF)
11545.0 E03 I.D.=82581. //13375 USB 02/06/2000 Fri 1700 (MF)
11545.0 E03 I.D.=72318. //13375 USB 02/06/2000 Fri 1900 (MF)
11545.0 E03 //14487 rptg 99144 USB 03/06/2000 Sat 1400 (JM4)
11545.0 E03 //12603//13375 rptg 16284 USB 03/06/2000 Sat 1500 (JM4)
11545.0 E03 //14487//15682 rptg 72318 USB 04/06/2000 Sun 1400 (JM4)
11545.0 E03 //12603//13375 rptg 12291 USB 04/06/2000 Sun 1500 (JM4)
11545.0 E03 12291 USB 05/06/2000 Mon 1600 (GG)
11545.0 E03 in progress USB 05/06/2000 Mon 2218 (GG)
11545.0 E03 LP calling 12291 //12603 //13375 USB 06/06/2000 Tue
1600 (GH*)
11545.0 E03 LP calling 72318 //13375 USB 06/06/2000 Tue 1600 (GH*)
11545.0 E03 LP calling 99144 USB 06/06/2000 Tue 1700 (GH*)
11545.0 E03 //14487 rptg 99144 USB 10/06/2000 Sat 1400 (JM4)
11545.0 E03 //12603//13375 rptg 16284 USB 10/06/2000 Sat 1500 (JM4)
11565.0 E10 EZI 35 LNIQQ USB 05/06/2000 Mon 1600 (GG)
11565.0 E10 EZI group 81 QSMJL USB 06/06/2000 Tue 1630 (GH*)
11565.0 E10 EZI2 with BC in bkg USB 08/06/2000 Thu 0500 (GG)
11565.0 E10 EZI group 94 SEHSA //13533 USB 08/06/2000 Thu 1600
11565.0 E10 EZI group 81 QSMJL USB 08/06/2000 Thu 1630 (GH*)
11565.0 E10 //13533 EZI (50) IPVBM USB 10/06/2000 Sat 1430 (JM4)
11565.0 E10 //9130 EZI (27) _U_N_ USB 23/06/2000 Fri 0200 (JM4)
11565.0 E10 //9130 EZI weak/QRM USB 24/06/2000 Sat 0200 (JM4)
11565.0 E10 //9130 EZI (26) WUX__ slow delivery USB 27/06/2000 Tue
0200 (JM4)
11565.0 E10 Copied the entire message, 5LG, YL, EE. AM 28/06/2000
Wed 0020 (MM)
11565.0 E10 //9130 EZI (26) W_XN_ USB 28/06/2000 Wed 0200 (JM4)
11565.0 E10 //9130 EZI (87) TNLSV USB 29/06/2000 Thu 0200 (JM4)
11565.0 E10a EZI2 USB 06/06/2000 Tue 1700 (GH*)
11566.0 E10 EZI2, null AM 01/06/2000 Thu 0400 (LA)
11566.0 V02 Fri only AM 09/06/2000 Fri 0300 (LA)
11566.0 V02a A 81132 66562 84913 AM 23/06/2000 Fri 0300 (JM4)
12135.0 V02a A 45063 64423 35993 AM 29/06/2000 Thu 0200 (JM4)
12165.0 V02a late start w/o call-up AM 12/06/2000 Mon 0200 (JM4)
12173.0 XPH 149x3 2 1st: 02917 00095 2nd: 08346 00179 AM 02/06/2000
Fri 0600 (VM)
12173.0 XPH 149x3 1 02917 00095 AM 06/06/2000 Tue 0600 (VM)
12173.0 XPH 149x3 000 AM 09/06/2000 Fri 0600 (VM)
12173.0 XPH 149x3 1 04352 00115 AM 13/06/2000 Tue 0600 (VM)
12173.0 XPH 149x3 1 00456 00157 AM 20/06/2000 Tue 0600 (VM)
12173.0 XPH 149x3 1 03415 00151 AM 23/06/2000 Fri 0600 (VM)
12180.0 V02a into 5FG w/o call-up AM 28/06/2000 Wed 0200 (JM4)
12210 XPH Polytone station. very long message AM 13/06/2000 Tue
2040 (CD)
12211.0 XPH 692x3 1 06318 00097 AM 02/06/2000 Fri 2040 (VM)
12211.0 XPH AM 16/06/2000 Fri 2040 (JM4)

12214.0 V02 in progress AM 03/06/2000 Sat 0007 (GG)
12215.0 V02 Fri only AM 09/06/2000 Fri 0200 (LA)
12215.0 V02 Sat only AM 10/06/2000 Sat 2400 (LA)
12215.0 V02a A 38453 43492 48862 AM 02/06/2000 Fri 0200 (JM4)
12215.0 V02a A 81132 66562 84913 AM 23/06/2000 Fri 0200 (JM4)
12215.0 V02a In progress AM 30/06/2000 Fri 0225 (BM)
12280.0 V02a new schedule - 5417 SK AM 23/06/2000 Fri 0200 (JM4)
12300.5 V05 //14421 rptg 488 Grupo 54 AM 24/06/2000 Sat 0300 (JM4)
12375.0 E10 "Charlie India Oscar Two" // 10352, which was stronger
signal. USB 30/06/2000 Fri 0020 (MM)
12376.0 E10 //10352 CI02 USB 01/06/2000 Thu 0045 (JM4)
12376.0 E10 CI02 USB 02/06/2000 Fri 2345 (GG)
12376.0 E10 CI02 USB 05/06/2000 Mon 0045 (GG)
12376.0 E10 //14750 CI02 USB 05/06/2000 Mon 1345 (JM4)
12376.0 E10 CI02 USB 05/06/2000 Mon 2245 (GG)
12376.0 E10 CI02 USB 05/06/2000 Mon 2345 (GG)
12376.0 E10 CI02 USB 06/06/2000 Tue 2345 (GG)
12376.0 E10 CI02 USB 07/06/2000 Wed 2345 (GG)
12376.0 E10 CI02 USB 08/06/2000 Thu 0445 (GG)
12376.0 E10 CI02 USB 08/06/2000 Thu 2345 (GG)
12376.0 E10 ___2 (VLB?) covered by data signal USB 09/06/2000 Fri
1445 (JM4)
12376.0 E10 CI02 USB 09/06/2000 Fri 2245 (GG)
12376.0 E10 //8127//10352 CI02 USB 10/06/2000 Sat 0145 (JM4)
12376.0 E10 //14750 CI02 USB 10/06/2000 Sat 1445 (JM4)
12376.0 E10 CI02 USB 10/06/2000 Sat 2345 (GG)
12376.0 E10 CI02 USB 11/06/2000 Sun 2145 (GG)
12376.0 E10 CI02 USB 12/06/2000 Mon 0045 (JM4)
12376.0 E10 //14750 CI02 USB 15/06/2000 Thu 1345 (JM4)
12376.0 E10 //8127 CI02 USB 23/06/2000 Fri 0145 (JM4)
12376.0 E10 //10352 CI02 USB 23/06/2000 Fri 0245 (JM4)
12376.0 E10 CI02 USB 24/06/2000 Sat 0145 (JM4)
12376.0 E10 CI02 USB 28/06/2000 Wed 0145 (JM4)
12376.0 E10 CI02 USB 28/06/2000 Wed 0245 (JM4)
12376.0 E10a //10352 CI0 cont - no message USB 02/06/2000 Fri 0145
12603.0 E03 //11545//13375 rptg 52521 USB 01/06/2000 Thu 1500 (JM4)
12603.0 E03 //14487 weak USB 01/06/2000 Thu 1600 (JM4)
12603.0 E03 //11545//13375 rptg 16284 USB 03/06/2000 Sat 1500 (JM4)
12603.0 E03 //11545//13375 rptg 12291 USB 04/06/2000 Sun 1500 (JM4)
12603.0 E03 //14487 rptg 97380 USB 05/06/2000 Mon 1400 (JM4)
12603.0 E03 LP calling 12291 //11545 //13375 USB 06/06/2000 Tue
1600 (GH*)
12603.0 E03 LP calling 82581 //14487 USB 08/06/2000 Thu 1600 (GH*)
12603.0 E03 //13375 rptg 07053 USB 09/06/2000 Fri 1500 (JM4)
12603.0 E03 //11545//13375 rptg 16284 USB 10/06/2000 Sat 1500 (JM4)
12747.0 E10 //9270 MIW2 USB 01/06/2000 Thu 0015 (JM4)
12747.0 E10 //7811 MIW2 cont past :45 USB 02/06/2000 Fri 0115 (JM4)
12747.0 E10 MIW2 USB 02/06/2000 Fri 2315 (GG)

12747.0 E10 MIW2 USB 03/06/2000 Sat 0015 (GG)
12747.0 E10 //10970//14866 MIW2 for over an hour USB 03/06/2000 Sat 1415 (JM4)
12747.0 E10 //10970//14866 MIW2 continuously USB 04/06/2000 Sun 1355 (JM4)
12747.0 E10 //10970//14866 MIW2 up for hours USB 05/06/2000 Mon 1315 (JM4)
12747.0 E10 MIW2 USB 05/06/2000 Mon 2215 (GG)
12747.0 E10 MIW2 USB 06/06/2000 Tue 2315 (GG)
12747.0 E10 MIW2 USB 07/06/2000 Wed 0015 (GG)
12747.0 E10 MIW2 USB 07/06/2000 Wed 2315 (GG)
12747.0 E10 //10970//14866 MIW2 for hours USB 09/06/2000 Fri 1400
12747.0 E10 //7811 MIW2 USB 10/06/2000 Sat 0115 (JM4)
12747.0 E10 MIW2 wrong time USB 10/06/2000 Sat 0145 (JM4)
12747.0 E10 MIW2 USB 11/06/2000 Sun 0015 (GG)
12747.0 E10 MIW2 USB 11/06/2000 Sun 2215 (GG)
12747.0 E10 MIW2 USB 12/06/2000 Mon 0115 (JM4)
12747.0 E10 //14866 MIW2 USB 15/06/2000 Thu 1315 (JM4)
12747.0 E10 //10970//14866 MIW2 USB 15/06/2000 Thu 1415 (JM4)
13375.0 E03 //11545//12603 rptg 52521 USB 01/06/2000 Thu 1500 (JM4)
13375.0 E03 //11545//12603 rptg 16284 USB 03/06/2000 Sat 1500 (JM4)
13375.0 E03 //11545//12603 rptg 12291 USB 04/06/2000 Sun 1500 (JM4)
13375.0 E03 LP calling 12291 //11545 //12603 USB 06/06/2000 Tue 1600 (GH*)
13375.0 E03 LP calling 72318 //11545 USB 06/06/2000 Tue 1600 (GH*)
13375.0 E03 //12603 rptg 07053 USB 09/06/2000 Fri 1500 (JM4)
13375.0 E03 //11545//12603 rptg 16284 USB 10/06/2000 Sat 1500 (JM4)
13375.0 V02a late start w/o call-up AM 12/06/2000 Mon 0200 (JM4)
13436.0 V02a A 20201 90252 52202 AM 01/06/2000 Thu 0100 (JM4)
13436.0 V02a A 56422 15412 56592 AM 27/06/2000 Tue 0100 (JM4)
13444.0 E05 heavy QRM USB 03/06/2000 Sat 1800 (GG)
13452.0 V05 //15651 rptg 956 Grupo 144 AM 02/06/2000 Fri 0100 (JM4)
13452.0 V05 //15651 rptg 257 Grupo 126 AM 28/06/2000 Wed 0100 (JM4)
13465 E05 Counting station. Count 197 USB 11/06/2000 Sun 1800
13473.0 XPH 149x3 2 1st: 02917 00095 2nd: 08346 00179 AM 02/06/2000 Fri 0620 (VM)
13473.0 XPH 149x3 1 04697 00137 AM 30/06/2000 Fri 0620 (VM)
13528 XM Russian navy Vladivosktok. Channelmarker F CW 15/06/2000 Thu 1840 (HFD)
13533.0 E10 Mossad YL/EE: v.faint, unable to copy ID - not a null msg. USB 01/06/2000 Thu 0445 (LAZ)
13533.0 E10 (EZI?) in progress USB 01/06/2000 Thu 1445 (JM4)
13533.0 E10 EZI?? (67) PKLGU USB 03/06/2000 Sat 1415 (JM4)
13533.0 E10 EZI USB 03/06/2000 Sat 1800 (GG)
13533.0 E10 EZI 35 LNIQQ USB 05/06/2000 Mon 1600 (GG)
13533.0 E10 EZI 38 ????? USB 05/06/2000 Mon 2200 (GG)
13533.0 E10 ESI into 5LG, weak USB 06/06/2000 Tue 1630 (GH*)
13533.0 E10 EZI ?? KDHVC USB 08/06/2000 Thu 0530 (GG)

13533.0 E10 EZI group 94 SEHSA //11565 USB 08/06/2000 Thu 1600
13533.0 E10 ??? in progress rpt (65) VJRTQ USB 09/06/2000 Fri 1430
13533.0 E10 //11565 EZI (50) IPVBM USB 10/06/2000 Sat 1430 (JM4)
13555.0 E05 rptg 707 Count 215 USB 09/06/2000 Fri 1400 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 01/06/2000 Thu 1500 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 03/06/2000 Sat 1400 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 04/06/2000 Sun 1400 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 04/06/2000 Sun 1500 (JM4)
13750.0 V13 AM 05/06/2000 Mon 1330 (JM4)
13750.0 V13 In prog AM 06/06/2000 Tue 1600 (GH*)
13750.0 V13 YL/CC w/flute interval AM 09/06/2000 Fri 1430 (JM4)
13750.0 V13 YL/CC 4FGx2 in progress AM 09/06/2000 Fri 1500 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 10/06/2000 Sat 1400 (JM4)
13750.0 V13 YL/CC w/flute interval AM 10/06/2000 Sat 1500 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 15/06/2000 Thu 1400 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 23/06/2000 Fri 1400 (JM4)
13750.0 V13 AM 27/06/2000 Tue 1400 (JM4)
13750.0 V13 AM 27/06/2000 Tue 1400 (JM4)
13750.0 V13 YL/CC 4FGx2 AM 28/06/2000 Wed 1400 (JM4)
13850.0 E06 912x3 00000 AM 01/06/2000 Thu 1600 (JE)
13900 XPH 0 msg AM 27/06/2000 Tue 2020 (HFD)
13901.0 XPH 692x3 1 06318 00097 AM 02/06/2000 Fri 2020 (VM)
13901.0 XPH Polytone AM 27/06/2000 Tue 2000 (JM4)
13905 XPH Polytone station. very long message AM 13/06/2000 Tue 2020 (CD)
13938 XPH Polytone station AM 19/05/2000 Fri 2020 (HFD)
14118.0 M77 P7X DE U7Y QSA 3 QTC - 5 LTR GP MSG CW 10/06/2000 Sat 1540 (RK)
14421.0 V05 //12300.5 rptg 488 Grupo 54 AM 24/06/2000 Sat 0300
14448 E05 Counting station //13450 kHz. Count 198 USB 11/06/2000 Sun 1710 (PB)
14487.0 E03 //12603 weak USB 01/06/2000 Thu 1600 (JM4)
14487.0 E03 //11545 rptg 99144 USB 03/06/2000 Sat 1400 (JM4)
14487.0 E03 //11545//15682 rptg 72318 USB 04/06/2000 Sun 1400 (JM4)
14487.0 E03 //15682//16084 in progress USB 05/06/2000 Mon 1300
14487.0 E03 //12603 rptg 97380 USB 05/06/2000 Mon 1400 (JM4)
14487.0 E03 97680 USB 05/06/2000 Mon 1400 (GG)
14487.0 E03 weak USB 06/06/2000 Tue 1200 (GG)
14487.0 E03 21097 USB 06/06/2000 Tue 1300 (GG)
14487.0 E03 52921 USB 07/06/2000 Wed 1400 (GG)
14487.0 E03 16284 USB 08/06/2000 Thu 1200 (GG)
14487.0 E03 LP calling 82581 //12603 USB 08/06/2000 Thu 1600 (GH*)
14487.0 E03 //15682//16084 in progress USB 09/06/2000 Fri 1400
14487.0 E03 //11545 rptg 99144 USB 10/06/2000 Sat 1400 (JM4)
14487.0 E03 USB 14/06/2000 Wed 1200 (CCK)
14487.0 E03 //15682//16084 in progress USB 15/06/2000 Thu 1300
14487.0 E03 //15682//16084 rptg 26395 USB 15/06/2000 Thu 1400 (JM4)
14487.0 E03 //15682//16084 rptg 30657 USB 23/06/2000 Fri 1400 (JM4)

14487.0 E03 //15682//16084 rptg 12087 USB 27/06/2000 Tue 1300 (JM4)
14487.0 E03 //16314 rptg 81986 USB 27/06/2000 Tue 1400 (JM4)
14487.0 E03 //16084 rptg 98501 USB 28/06/2000 Wed 1400 (JM4)
14710.0 E10 USB 14/06/2000 Wed 0930 (ASA)
14750.0 E10 CI02 USB 03/06/2000 Sat 1445 (JM4)
14750.0 E10 //12376 CI02 USB 05/06/2000 Mon 1345 (JM4)
14750.0 E10 //12376 CI02 USB 10/06/2000 Sat 1445 (JM4)
14750.0 E10 //12376 CI02 USB 15/06/2000 Thu 1345 (JM4)
14866.0 E10 //10970//12747 MIW2 for over an hour USB 03/06/2000 Sat 1415 (JM4)
14866.0 E10 //10970//12747 MIW2 continuously USB 04/06/2000 Sun 1355 (JM4)
14866.0 E10 //10970//12747 MIW2 up for hours USB 05/06/2000 Mon 1315 (JM4)
14866.0 E10 MIW2 still up at 1427 USB 05/06/2000 Mon 1346 (GG)
14866.0 E10 //10970//12747 MIW2 for hours USB 09/06/2000 Fri 1400
14866.0 E10 //12747 MIW2 USB 15/06/2000 Thu 1315 (JM4)
14866.0 E10 //10970//12747 MIW2 USB 15/06/2000 Thu 1415 (JM4)
14973.0 XPH 149x3 2 1st: 02917 00095 2nd: 08346 00179 AM 02/06/2000 Fri 0640 (VM)
14973.0 XPH 149x3 2 1st: 00456 00157 2nd: 04352 00115 AM 16/06/2000 Fri 0640 (VM)
15388.0 V13 YL/CC 4FGx2 AM 03/06/2000 Sat 1400 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 04/06/2000 Sun 1400 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 04/06/2000 Sun 1500 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 10/06/2000 Sat 1400 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 15/06/2000 Thu 1400 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 23/06/2000 Fri 1400 (JM4)
15388.0 V13 AM 27/06/2000 Tue 1400 (JM4)
15388.0 V13 AM 27/06/2000 Tue 1400 (JM4)
15388.0 V13 YL/CC 4FGx2 AM 28/06/2000 Wed 1400 (JM4)
15651.0 V05 //13452 rptg 956 Grupo 144 AM 02/06/2000 Fri 0100 (JM4)
15651.0 V05 //13452 rptg 257 Grupo 126 AM 28/06/2000 Wed 0100 (JM4)
15677.0 XPH In progress AM 02/06/2000 Fri 2002 (VM)
15677.0 XPH 692x3 1 06318 00097 AM 06/06/2000 Tue 2000 (VM)
15677.0 XPH 692x3 1 02746 00197 AM 09/06/2000 Fri 2000 (VM)
15677.0 XPH 692x3 1 02746 00197 AM 13/06/2000 Tue 2000 (VM)
15677.0 XPH 692x3 1 00591 00045 AM 16/06/2000 Fri 2000 (VM)
15677.0 XPH 692x3 000 AM 20/06/2000 Tue 2000 (VM)
15677.0 XPH 692x3 000 AM 23/06/2000 Fri 2000 (VM)
15677.0 XPH Polytone AM 27/06/2000 Tue 2000 (JM4)
15677.0 XPH 692x3 1 08316 00095 AM 30/06/2000 Fri 2000 (VM)
15682.0 E03 //11545//14487 rptg 72318 USB 04/06/2000 Sun 1400 (JM4)
15682.0 E03 //14487//16084 in progress USB 05/06/2000 Mon 1300
15682.0 E03 weak USB 06/06/2000 Tue 1200 (GG)
15682.0 E03 52921 USB 07/06/2000 Wed 1400 (GG)
15682.0 E03 16284 USB 08/06/2000 Thu 1200 (GG)
15682.0 E03 //14487//16084 in progress USB 09/06/2000 Fri 1400

15682.0 E03 USB 14/06/2000 Wed 1200 (CCK)
15682.0 E03 //14487//16084 in progress USB 15/06/2000 Thu 1300
15682.0 E03 //14487//16084 rptg 26395 USB 15/06/2000 Thu 1400 (JM4)
15682.0 E03 //14487//16084 rptg 30657 USB 23/06/2000 Fri 1400 (JM4)
15682.0 E03 //14487//16084 rptg 12087 USB 27/06/2000 Tue 1300 (JM4)
15706 XPH Polytone station AM 19/05/2000 Fri 2000 (HFD)
15980.0 E10 EZI USB 03/06/2000 Sat 1800 (GG)
15980.0 E10 //17410 EZI2 USB 15/06/2000 Thu 1330 (JM4)
15980.0 E10 //17410 CI02 USB 27/06/2000 Tue 1330 (JM4)
16084.0 E03 //14487//15682 in progress USB 05/06/2000 Mon 1300
16084.0 E03 weak USB 06/06/2000 Tue 1200 (GG)
16084.0 E03 21097 USB 06/06/2000 Tue 1300 (GG)
16084.0 E03 52921 USB 07/06/2000 Wed 1400 (GG)
16084.0 E03 16284 USB 08/06/2000 Thu 1200 (GG)
16084.0 E03 //14487//15682 in progress USB 09/06/2000 Fri 1400
16084.0 E03 USB 14/06/2000 Wed 1200 (CCK)
16084.0 E03 //14487//15682 in progress USB 15/06/2000 Thu 1300
16084.0 E03 //14487//15682 rptg 26395 USB 15/06/2000 Thu 1400 (JM4)
16084.0 E03 //14487//15682 rptg 30657 USB 23/06/2000 Fri 1400 (JM4)
16084.0 E03 //14487//15682 rptg 12087 USB 27/06/2000 Tue 1300 (JM4)
16084.0 E03 //14487 rptg 98501 USB 28/06/2000 Wed 1400 (JM4)
16236 M42 FAPSI. Msgs on link 00052 RTTY 25/05/2000 Thu 1110
16314.0 E03 //14487 rptg 81986 USB 27/06/2000 Tue 1400 (JM4)
17410.0 E10 EZI2 USB 01/06/2000 Thu 1530 (JM4)
17410.0 E10 EZI2 USB 05/06/2000 Mon 1530 (GG)
17410.0 E10 EZI2 USB 07/06/2000 Wed 1330 (GG)
17410.0 E10 USB 15/06/2000 Thu 0930 (CCK)
17410.0 E10 //15980 EZI2 USB 15/06/2000 Thu 1330 (JM4)
17410.0 E10 //15980 CI02 USB 27/06/2000 Tue 1330 (JM4)
17417 M42 FAPSI. Msgs on link 00149 RTTY 16/06/2000 Fri 1540
17463 M42 FAPSI. Msgs on link 10163 RTTY 21/06/2000 Wed 1715 (JD)
17499 E03A Cherry Ripe, barely audible USB 28/06/2000 Wed 1230
17499 E03A Cherry Ripe, weak USB 28/06/2000 Wed 1300 (PB)
17499.0 E03a //22108 in progress USB 03/06/2000 Sat 1300 (JM4)
17499.0 E03a in progress USB 15/06/2000 Thu 1300 (JM4)
17499.0 E03a //22108 rptg 89507 USB 27/06/2000 Tue 1300 (JM4)
18245 M42 FAPSI. Msg on link 60047 RTTY 06/06/2000 Tue 0651 (DW)
18373 M42 FAPSI. Msgs + ops chat on link 00054 RTTY 28/06/2000
Wed 1525 (RGA)
19213 X06 FAPSI mazielka selcals AM 10/06/2000 Sat 1335 (LAR)
19354 M42 FAPSI. QRU RTTY 28/06/2000 Wed 0826 (DW)
19715.0 E10 USB 04/06/2000 Sun 0930 (ASA)
19715.0 E10 EZI (19) ___P USB 05/06/2000 Mon 1400 (JM4)
19715.0 E10 EZI 19 PALGP USB 05/06/2000 Mon 1400 (GG)
19715.0 E10 EZI2 USB 05/06/2000 Mon 1530 (GG)
19715.0 E10 EZI2 USB 06/06/2000 Tue 1200 (GG)
19715.0 E10 EZI 19 PALGP USB 07/06/2000 Wed 1400 (GG)
19715.0 E10 USB 15/06/2000 Thu 0930 (CCK)

19884.0 E03a //21866 rptg 60921 USB 01/06/2000 Thu 0100 (JM4)
 19884.0 E03a //21866 rptg 43498 USB 02/06/2000 Fri 0100 (JM4)
 19884.0 E03a //21866 rptg 21259 USB 12/06/2000 Mon 0100 (JM4)
 19884.0 E03a //21866 rptg 03523 USB 23/06/2000 Fri 0100 (JM4)
 19884.0 E03a //21866 rptg 20192 USB 27/06/2000 Tue 0100 (JM4)
 19884.0 E03a //21866 rptg 62635 USB 28/06/2000 Wed 0100 (JM4)
 20474.0 E04 USB 15/06/2000 Thu 1000 (CCK)
 20474.0 E10 USB 14/06/2000 Wed 1000 (CCK)
 20815 M42 FAPSI. QSY from 18245. Link 60047 RTTY 06/06/2000 Tue
 0731 (DW)
 21866.0 E03a //19884 rptg 60921 USB 01/06/2000 Thu 0100 (JM4)
 21866.0 E03a //19884 rptg 43498 USB 02/06/2000 Fri 0100 (JM4)
 21866.0 E03a //19884 rptg 21259 USB 12/06/2000 Mon 0100 (JM4)
 21866.0 E03a //19884 rptg 03523 USB 23/06/2000 Fri 0100 (JM4)
 21866.0 E03a //19884 rptg 20192 USB 27/06/2000 Tue 0100 (JM4)
 21866.0 E03a //19884 rptg 62635 USB 28/06/2000 Wed 0100 (JM4)
 21930.0 E10 EZI 19 PALGP USB 05/06/2000 Mon 1400 (GG)
 21930.0 E10 EZI2 USB 05/06/2000 Mon 1530 (GG)
 21930.0 E10 EZI 19 PALGP USB 07/06/2000 Wed 1400 (GG)
 22108 E03A Cherry Ripe, weak USB 28/06/2000 Wed 1300 (PB)
 22108.0 E03a 55313 USB 01/06/2000 Thu 0000 (JM4)
 22108.0 E03a //17499 in progress USB 03/06/2000 Sat 1300 (JM4)
 22108.0 E03a //17499 rptg 89507 USB 27/06/2000 Tue 1300 (JM4)
 22108.0 E04 CR tune USB 05/06/2000 Mon 1200 (GG)
 22108.0 E04 AM 14/06/2000 Wed 1300 (CCK)
 23461 E03A Cherry Ripe, barely audible USB 28/06/2000 Wed 1230
 23461.0 E03 60921 USB 06/06/2000 Tue 1100 (GG)
 23461.0 E04 in progress USB 06/06/2000 Tue 1030 (GG)
 23461.0 E04 42498 USB 06/06/2000 Tue 1200 (GG)
 23461.0 E04 98953 USB 08/06/2000 Thu 1200 (GG)
 23461.0 E04 USB 15/06/2000 Thu 1000 (CCK)
 23461.0 E10 USB 14/06/2000 Wed 1000 (CCK)
 23740.0 E10 EZI 19 PALGP USB 05/06/2000 Mon 1400 (GG)
 23740.0 E10 2 msgs: 49 MYBWG/8 ZJQNF USB 06/06/2000 Tue 1130 (GG)
 23740.0 E10 EZI2 USB 06/06/2000 Tue 1200 (GG)
 23740.0 E10 EZI 19 PALGP USB 07/06/2000 Wed 1400 (GG)
 23740.0 E10 VERY STRONG SIGNAL USB 14/06/2000 Wed 1130 (CCK)

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 BM Ben Mesander, CO, USA
 CCK CCK, South Africa
 CD Captain Davros, UK
 CY Cybin, VA, USA
 DW Day Watson, UK
 FL Fred Lesnick, Canada
 GG Gallus Galus, W.Europe

GH* Greg Hajek, Umea, Sweden
HFD Hans-Friedrich Dumrese, Germany
IJ Ian Julian, New Zealand
JD John Doe, UK
JE Joerg Eberhardt, Germany
JM4 John Maky, Arkansas, USA
LA Liz, MI, USA
LAZ Lazarus, CA, USA
MF Mike Ford, UK
MH Mike H, Germany
ML2 Murray Lehman, Perth, Australia
MM Mark McCarthy, Germany
PB Paul Beaumont, UK
RGA Jim Dunnett, UK
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SJ Stephen Jarvis, CA, USA
TM Tom Mazanec, USA
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